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## CONSTRUCTION OF FIGH-TENSIC" LINES RIC POWER PLANTS CONTINUES

HIGH TENSION FOWER LIMES INCREASE -- Borba, No 302, 21 Dec 49

The furst high-tender power lines in Bosnia and Hercegovina were under construction in 1948. At present, hundreds of killometers of such lines are in operation. Postwal Restit and Hercegovina has more power lines than all of prewer Mugnelsvie. The Debut-Trikevae and Zenica-Kakan; high-tension lines, each of which will carry ker witte, are being completed. Power lines for 35,000 volta are also being inclid. A section of the Sarajevo-Mesici line is being completed so that the Mesici hydroelectric power plant can be connected with the already excepting Sarafevo-Zenica-Doboj-Vreka and Zvornik-Broko-Bijeljima bighobanakon lires.

In addition to the assembly completed Bogatlei-Traovo and Tuzla-Zvornik power-line sections, a line will also be built between Bukinja and Zivinica, to cover mining regularements. The fotal length of 35,000-volt power lines built in 1949 was 1922 billowsters. Another 133 kilometers of 10,000-volt power lines were also built in 1949, in addition to several tens of kilometers of lines of lasses; whose ...

The greatest norther of power lines has been built in the Thula basin and in the wichdity of Saustern, to cover the meets of mining and industry. In addition to the high-based a power line way, transformer stations are also using built. Thering 1949, sax 10,400-volt transformer stations were constructed. In 1950, 130,000 volt transformer stations will be built. The building of high-tension power line toward is laborious and costly, since 40,000 kilograms of various configurable materials are meeded.

"SOKOLDE" POWER FLANT TO REGEM OPERATION -- Slovenski Porocevalec, 20 Dec 49

The "Sokolja" mediamasize hydroelectric power plant in the vicinity of Rankerticave, Serbia, will begin operation during the first few months of 1950. It will have a capacity of 8 million kilowatt-hours per year. The first

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Francis turbine, which will start to operate in a few months, will have a capacity of 3 million kilowatt hours per year. The power plant will supply Rankovicevo and Vrmacka Banja and their vicinity. In 1950, the Gvozdac River will be diverted into the canal of the "Sokolje power plant, and a second Francis turbine will be installed.

Another section of the power plant will be built on the Gvozdac River and equipped with two Peaton turbines.

NEW HYDROELECTRIC SYSTEM UNDER CONSTRUCTION -- Rad, No 292, 8 Dec 49

In the canyon of the Vrbas River, between Banjaluka and Jajce, in Bosnia and Hercegovina, a new hydroelectric power plant system is being built. One of the power plants, Jajce I, which is near Jajce, will produce 240 million kilowatt-hours per year. Not far from Jajce I plant, the Jajce II plant is being built. In addition to the main daw, it will have an auxiliary dam 16 meters high and 3 kilometers long. The structure which will house the machinery will occupy a space of 40 square meters. Underground vertical, horizontal, and diagonal passages have already been constructed. The Jajce II power plant will have a capacity of 390 million kilowatt-hours per year.

PLANT CONSTRUCTION CONTINUES THROUGH WINTER -- Rad, No 305, 23 Dec 49

The building of the hydroelectric power plant at Jablanica, on the Neretva and Rama rivers in Serbia, is continuing through the winter. In the vicinity of Jablanica, a new railroad station with double tracks is under construction to serve the third gravel pit. This pit alone will produce 250,000 cubic meters of gravel a year.

The three dams under construction include the main dam for Lake Tablanica, an autiliary composition include the main dam for Lake Will completely control the Tourtva River so that no water will reach the foundations of the main dam. The bulk of the work will be completed during the winter.

OZALJ TO GET NEW PLANT -- Slovenski Porocevalec, No 292, 15 Dec 49

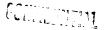
On the Kupa River near Ozali, Croatia, a hydroelectric power plant with a capacity of about 2,000 kilowatts already exists. This power plant supplies Bela Krajina, Metlika, and Cromelj with electricity. Recause this power plant does not utilize all the available power of the Kuya River, the construction of the new Ozalj II hydroelectric power plant on the left bank of the river was begun in the middle of 1948. It will have a capacity of 2.200 kilowatts, and will be finished in the middle of 1950. The building of the power plant will continue through the winter.

MESICI POWER FLANT BEING COMPLETED -- Borba, No 286, 5 Dec 49

The new hydroelectric power plant at wester in Bosnia and Hercegovina, which has been built and equipped entirely with Yugoslav machinery, will have a capacity four times that of the Vlasenica power plant, which was the first plant entirely built of domestic material. Its  $9\frac{1}{2}$ -ton generators were built by the Rade Koncar Enterprise, while the transformers, Francis turbines, and pipes were constructed by Litostroj. The Mesici power plant will began operation during December 1949.

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VINODOL PLANT CAPACITY 188 MILLION KILOWATTS --- Borba, No 296, 14 Dec 49; Borba, No 297, 15 Dec 49

The huge Vinodol hydroelectric power plant in Slovenia will have a capacity of 188 million kilowatts, which is equivalent to one year's work by 2 million workers. A smaller hydroelectric power plant with a capacity of 4,000 kilowatts will be constructed very close to the Vinodol power plant.

NEW STEAM ELECTRIC POWER PLANT -- Rad, No 276, 18 Nov 49

A new steam-electric power plant is being built at Lukavac near Tuzla. In addition to supplying Lukavac, it will also supply Tuzla and vicinity with electric power. The power plant will obtain its coal from the surrounding mines.

PRIJEDOR GETS NEW STEAM POWER PLANT -- Rad, No 301, 19 Der 49

A new steam-electric power plant is being built in the vicinity of the Prijedor cellulose factory. It will supply the factory, the town of Prijedor, and the villages under Kozar Mountain with power.

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